

Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously amended): A device for contracting tissue in a mammalian body, comprising:

a body having a longitudinal axis; and

a plurality of legs arranged about the body, each leg having one end coupled to the body, the plurality of legs being radially splayed about the axis, each leg including a bistable snap-acting spring tip and, each leg being capable of transformation between a deployment state and a treatment state.

Claim 2 (original): The device of claim 1 wherein the spring tips are closer to the longitudinal axis when the legs are in the treatment state than the tips are when the legs are in the deployment state.

Claim3 (previously amended): The device of claim 1 wherein each bistable snap-acting spring tip comprises two tip segments affixed one to another.

Claim4 (original): The device of claim 1 further comprising:
a spicule attached to each spring tip.

Claim5 (original): The device of claim 1 wherein each leg further includes at least one deformation element capable of forming a localized bend in response to an axial force applied to the leg.

Claim6 (previously amended): The device of claim 5 wherein the at least one deformation element is selected from a group consisting of a notch, a perforation, a corrugation, and a combination thereof.

Claim 7 (original): The device of claim 1 wherein each leg further includes at least one barb directed towards the body.

Claim8 (original): The device of claim 1 wherein at least the legs comprise a material selected from a group consisting of a nickel-titanium alloy, a nickel-cobalt alloy, a cobalt alloy, a thermoset plastic, stainless steel, a stainless steel alloy, a biocompatible shape-memory material, a biocompatible superelastic material, and a combination thereof.

Claim9 (original): The device of claim 1 wherein at least a portion of the device includes a therapeutic agent selected from a group consisting of an antithrombotic, an anticoagulant, an antibiotic, an anti-inflammatory, and a combination thereof.

Claim10 (original): The device of claim 1 wherein at least a portion of the device is radiopaque.

Claim11 (original): The device of claim 1 wherein at least one radial dimension of a mitral valve annulus is shortened when the legs are in the treatment state.

Claims 12 -21 (canceled)

Claim22 (withdrawn): A method of contracting tissue in a mammalian body, comprising:

delivering a contracting device in a lumen of a catheter proximate a treatment area;

releasing the contracting device from the catheter;

positioning legs of the contracting device on tissue to be contracted;

exerting a force on the contracting device;

transforming the device into a treatment state; and

reducing a compass of the tissue in response to the treatment state.

Claim23 (withdrawn): The method of claim 22 further comprising:
bending the legs in response to the force.

Claim24 (withdrawn): The method of claim 22 wherein reducing a compass of the tissue in response to the treatment state comprises reducing a diameter of a mitral valve annulus to effect a mitral valve repair in response to the treatment state.